

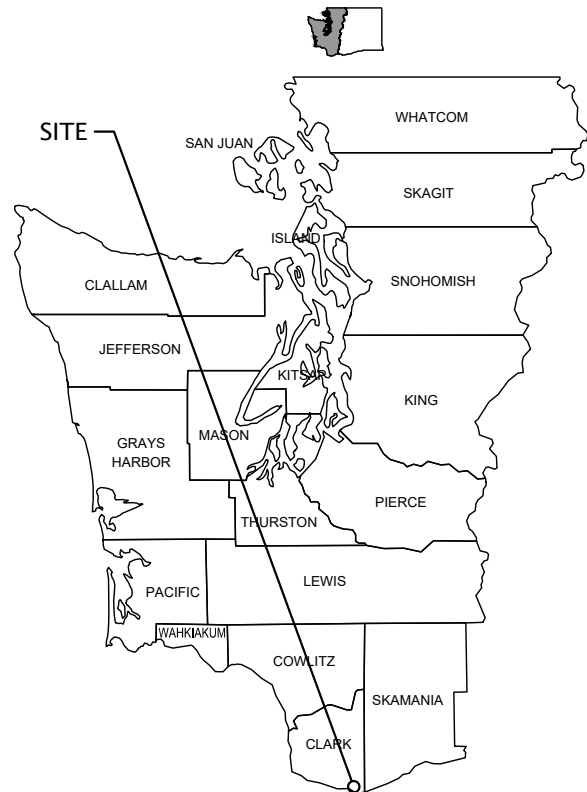
R 4 E

SITE COORDINATES:

LATITUDE: 45° 34' 51 " N

LONGITUDE: 122° 18' 03" W

WESTERN WASHINGTON



DIRECTIONS TO SITE

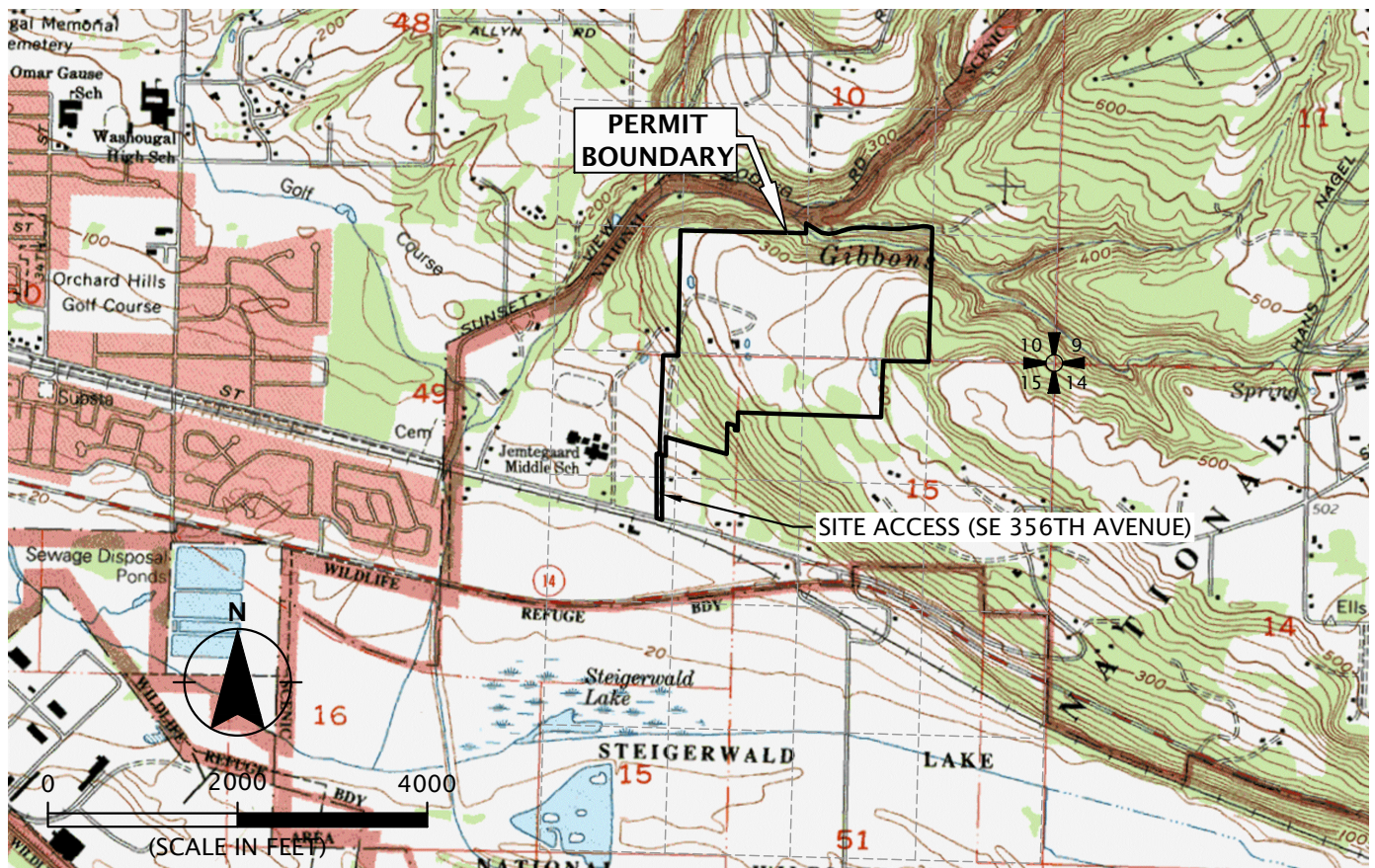
WASHOUGAL PIT IS LOCATED EAST OF WASHOUGAL, WA. FROM WASHOUGAL, DRIVE EASTBOUND ON SE EVERGREEN HIGHWAY. TURN LEFT (NORTH) ONTO SE 356TH AVENUE. THIS IS THE SITE ACCESS ROAD TO WASHOUGAL PIT. SITE OFFICE IS LOCATED APPROXIMATELY ½ MILE FROM INTERSECTION TO SE EVERGREEN HIGHWAY AND SE 356TH AVENUE.

LEGAL DESCRIPTION

THE PERMIT BOUNDARY IS LOCATED IN PORTIONS OF
THE FOLLOWING QUARTER-QUARTER SECTIONS:

- SW QUARTER OF THE SW QUARTER OF SECTION 10
- SE QUARTER OF THE SW QUARTER OF SECTION 10
- SW QUARTER OF THE SE QUARTER OF SECTION 10
- NE QUARTER OF THE NW QUARTER OF SECTION 15
- NW QUARTER OF THE NW QUARTER OF SECTION 15
- SW QUARTER OF THE NW QUARTER OF SECTION 15
- NW QUARTER OF THE NE QUARTER OF SECTION 15

NOTE: USGS TOPOGRAPHIC QUADRANGLE MAP (*WASHOUGAL, 1994*) REPRODUCED USING MAPTECH TERRAIN NAVIGATOR PRO®.



GEODESIGN
AN **NIVIS** COMPANY

NUTTER CORPORATION

NUTTER-6-01
MARCH 2020

VICINITY MAP

WASHOUGAL PIT

CLARK COUNTY, WA
SECTIONS 10 AND 15, TOWNSHIP 1N, RANGE 4E, W.M.

FIGURE 1



LEGEND:

PERMIT/PROPERTY BOUNDARY (120 ACRES)

PARCEL LINES

13304000

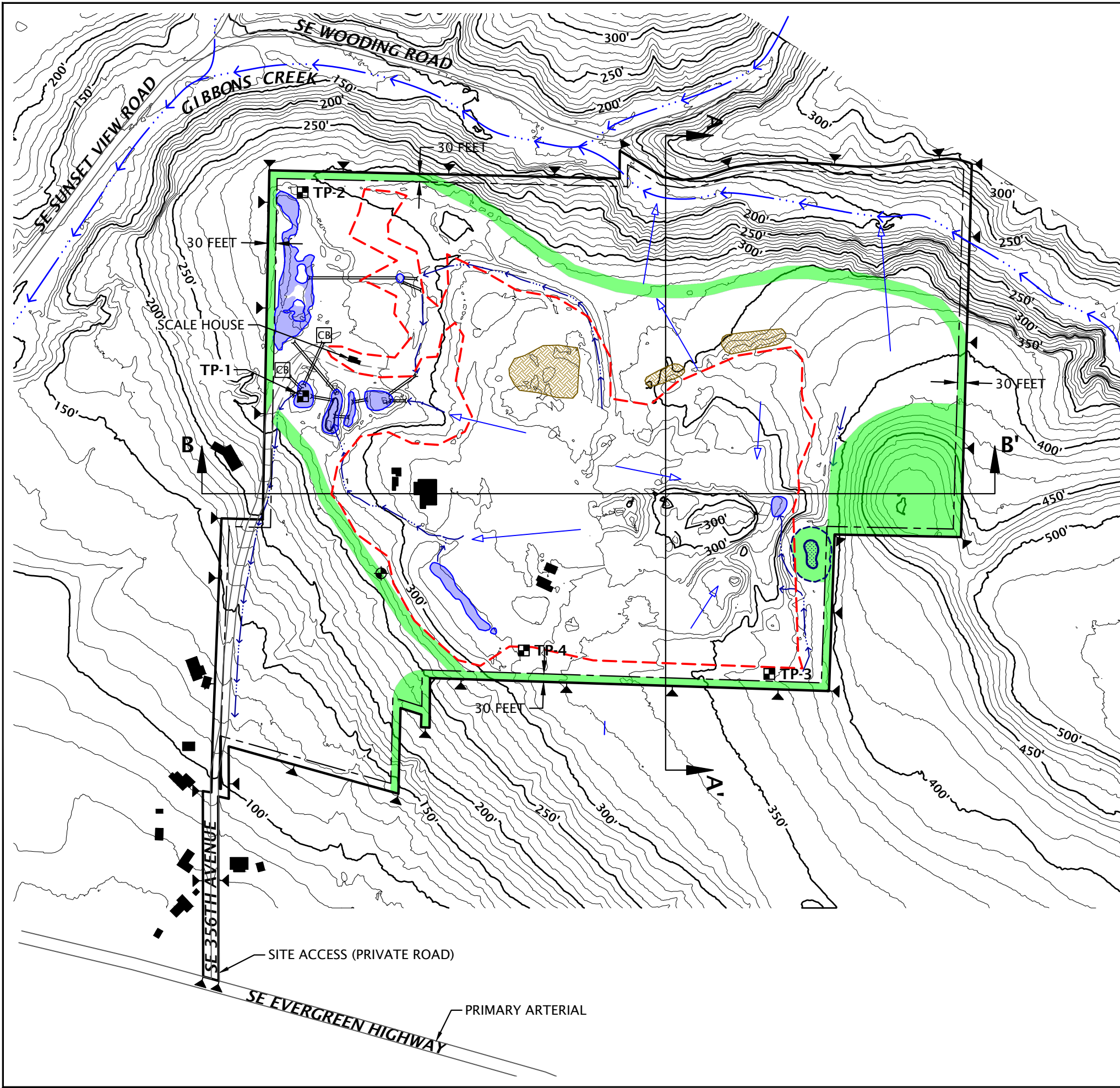
PARCEL NUMBER (SEE TABLE BELOW)

PROPERTY INFORMATION TABLE		
PARCEL NUMBER	PROPERTY OWNER	OWNER MAILING ADDRESS
133044000 134202000 134219000 134200000 134201000	JUDITH ZIMMERLY	19034 NW 61ST AVENUE RIDGEFIELD, WA 98642
133046000 133037000	SEAN STREETER	36861 SE WOODING ROAD WASHOUGAL, WA 98671
133964000	SIMON YANG	4519 NW 122ND STREET VANCOUVER, WA 98685
134394000	THOMAS WILLIAMS	37136 SE GIBSON ROAD WASHOUGAL, WA 98671
134378000	FRIENDS OF COLUMBIA GORGE LAND TRUST	333 SW 5TH AVENUE, SUITE 300 PORTLAND, OR 97204
134372000	LUXE GROUP III LLC	PO BOX 5846 PORTLAND, OR 97228
134138000	RICHARD ROSS	PO BOX 166 WASHOUGAL, WA 98671
134154000	NORMAN ALEXANDER	PO BOX 225 WASHOUGAL, WA 98671
134208000	WAYNE RITTER	PO BOX 1052 CAMAS, WA 98607
134210000	DAVID GJENDEM TRUSTEES	PO BOX 797 WASHOUGAL, WA 98671
134211000	JEFFREY CONDON	6400 SE 356TH AVENUE WASHOUGAL, WA 98671
134212000	ZACHARY GRICE	6302 SE 356TH AVENUE WASHOUGAL, WA 98671
134161000	REECE TOWNSEND	2212 SALMON FALLS ROAD WASHOUGAL, WA 98671
134134000	PAUL AKERS	35570 SE EVERGREEN HIGHWAY WASHOUGAL, WA 98671
133034000	JOHN ANDERSON	2630 H STREET WASHOUGAL, WA 98671
133058000 133040000	DANNY GAUDREN	36205 SE WOODINGS ROAD WASHOUGAL, WA 98671

- NOTES:
1. PERMIT BOUNDARY OBTAINED FROM RECLAMATION FIGURE SET DATED SEPTEMBER 27, 2006 PREPARED BY ECOLOGICAL LAND SERVICES, INC.

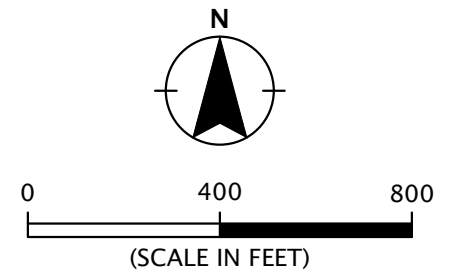
2. PARCEL BOUNDARIES AND PARCEL NUMBERS OBTAINED FROM CLARK COUNTY ASSESSOR.

3. AERIAL PHOTOGRAPH (JULY 16, 2018) OBTAINED FROM GOOGLE EARTH PRO NOVEMBER 27, 2018.



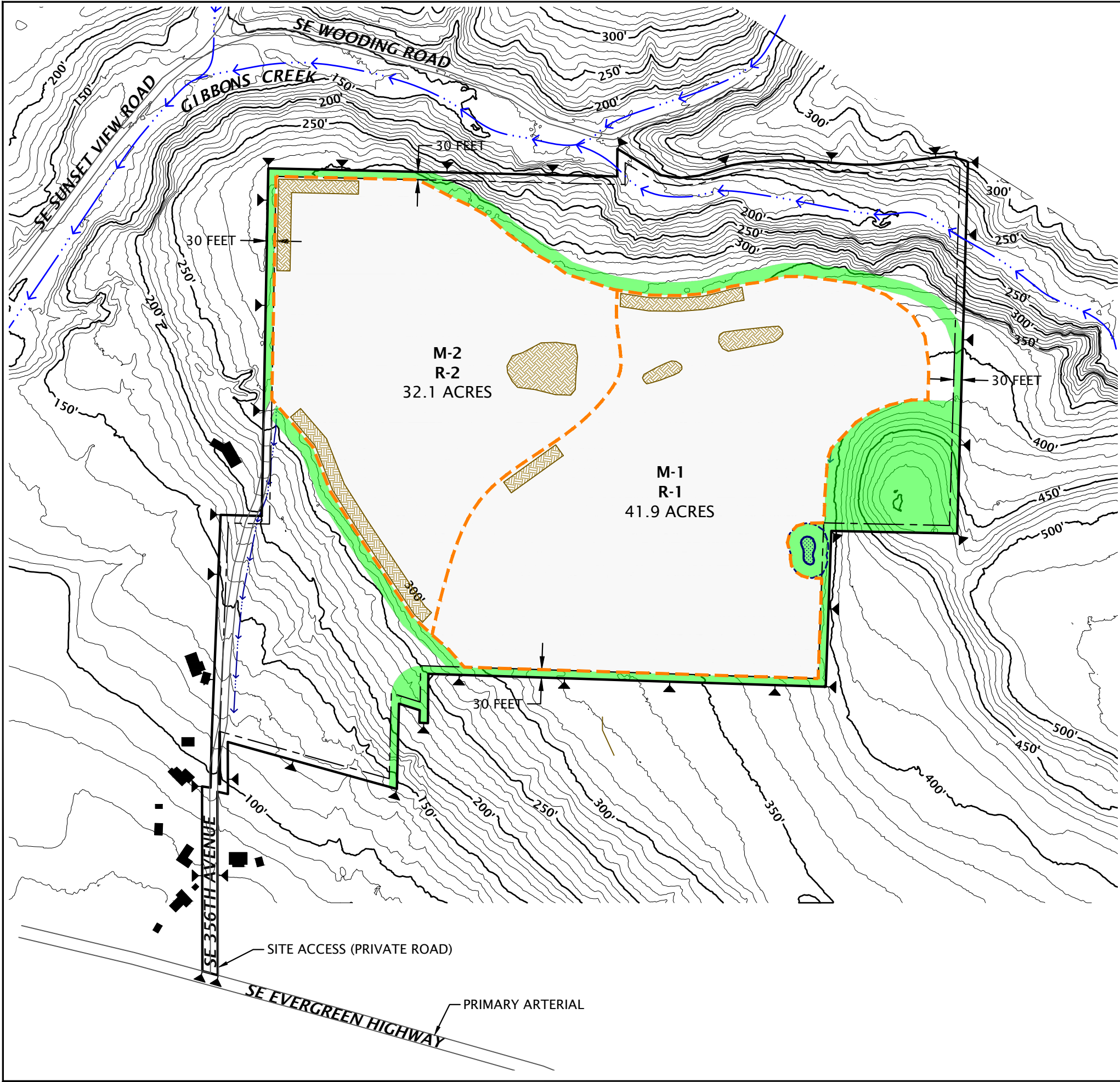
LEGEND:

- PERMIT BOUNDARY (120 ACRES)
- 30-FOOT SETBACK
- EXISTING DISTURBANCE (≈44.7 ACRES)
- EXISTING TOPOGRAPHY (10-FOOT INTERVALS; 50-FOOT INDEX CONTOURS)
- ROAD
- EXISTING STRUCTURES
- EXISTING DRAINAGE PATTERN
- MANMADE STORMWATER POND
- CREEK WITH FLOW DIRECTION
- CULVERT
- DRAINAGE DITCH WITH FLOW DIRECTION
- CATCH BASIN
- SOIL STOCKPILE
- CREATED WETLAND
- 50-FOOT WETLAND BUFFER
- VEGETATION SCREEN BUFFER
- PERMANENT MARKERS (LINE OF SIGHT)
- TEST PIT
- WATER WELL (044247)
- CROSS SECTION



NOTES:

- EXISTING TOPOGRAPHY (2010) OBTAINED FROM PUGET SOUND LIDAR CONSORTIUM.
- PERMIT BOUNDARY OBTAINED FROM RECLAMATION FIGURE SET DATED SEPTEMBER 27, 2006 PREPARED BY ECOLOGICAL LAND SERVICES, INC.
- EXISTING DISTURBANCE AREA OBTAINED FROM WADNR INSPECTION REPORT DATED JUNE 27, 2018.



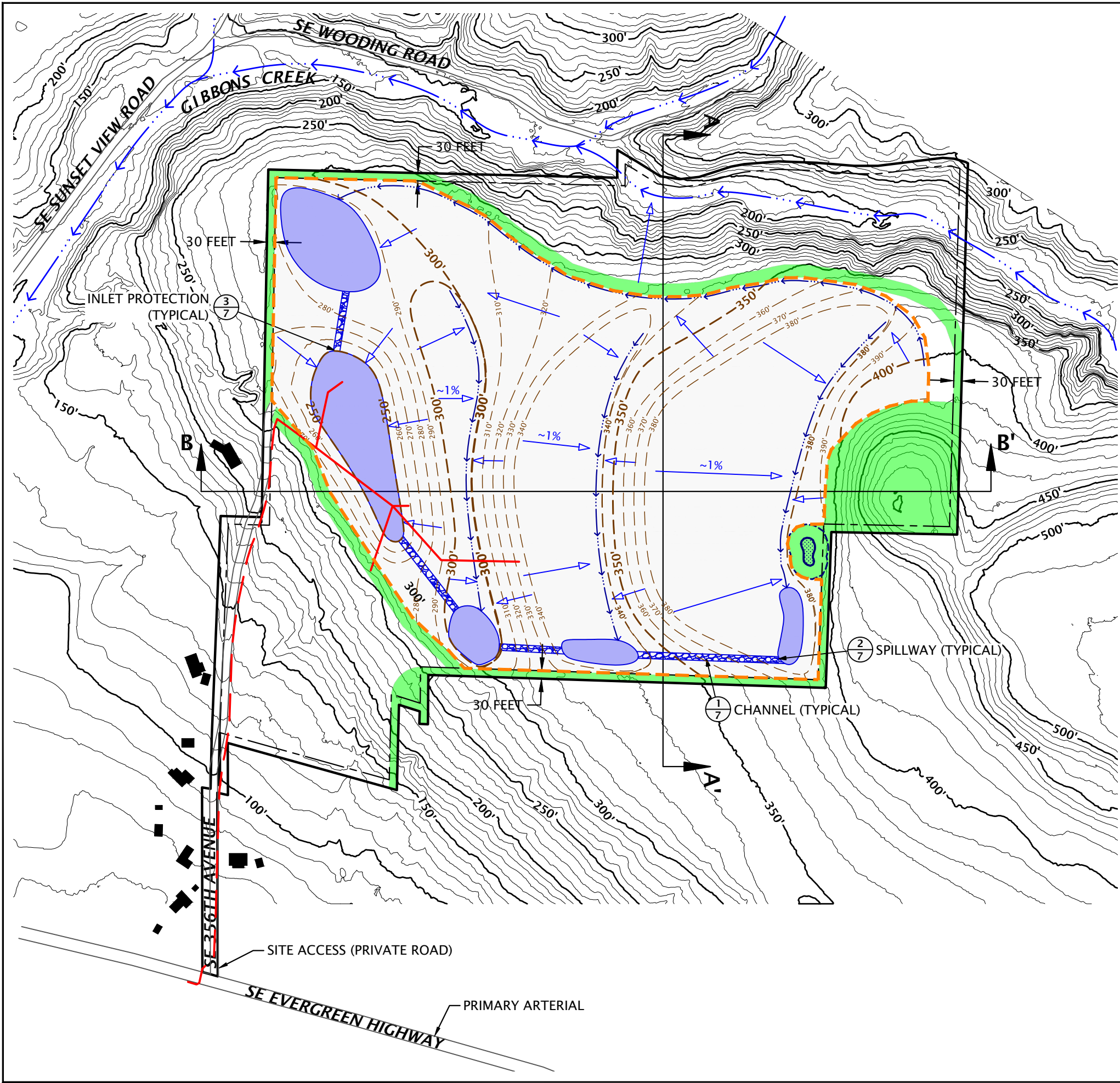
LEGEND:

- PERMIT BOUNDARY (120 ACRES)
- 30-FOOT SETBACK
- EXISTING TOPOGRAPHY (10-FOOT INTERVALS; 50-FOOT INDEX CONTOURS)
- ROAD
- EXISTING STRUCTURES
- CREEK WITH FLOW DIRECTION
- DRAINAGE DITCH WITH FLOW DIRECTION
- SOIL STOCKPILE
- CREATED WETLAND
- 50-FOOT WETLAND BUFFER
- VEGETATION SCREEN BUFFER
- PERMANENT MARKERS (LINE OF SIGHT)
- M-1 MINING SEGMENT
- R-1 RECLAMATION SEQUENCE
- SEGMENT/PHASE BOUNDARY

NOTES:

- EXISTING TOPOGRAPHY (2010) OBTAINED FROM PUGET SOUND LIDAR CONSORTIUM.
- PERMIT BOUNDARY OBTAINED FROM RECLAMATION FIGURE SET DATED SEPTEMBER 27, 2006 PREPARED BY ECOLOGICAL LAND SERVICES, INC.
- FOR STORMWATER EROSION CONTROL MEASURES, SEE NARRATIVE.

GEODESIGN AN NVIS COMPANY	RECLAMATION SEQUENCE MAP WASHOUGAL PIT		FIGURE 4
	NUTTER CORPORATION	CLARK COUNTY, WA SECTIONS 10 AND 15, TOWNSHIP 1N, RANGE 4E, W.M.	

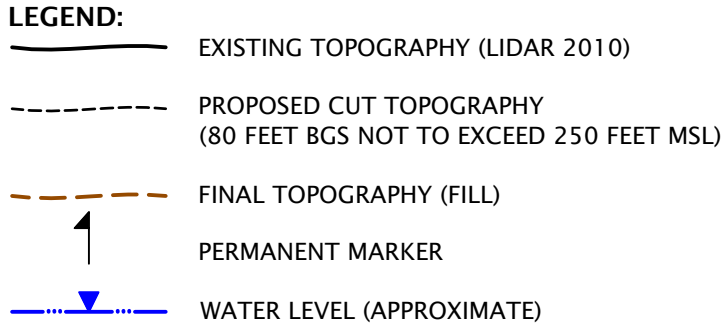
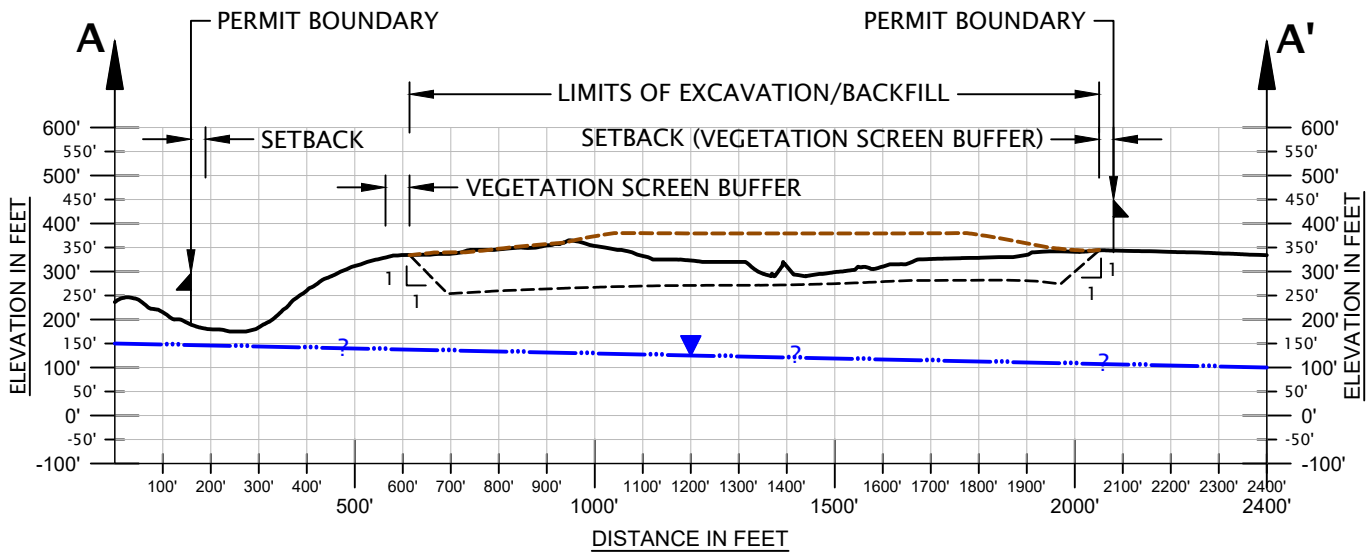


LEGEND:

- PERMIT BOUNDARY (120 ACRES)
- 30-FOOT SETBACK
- RECLAMATION BOUNDARY
- FINAL TOPOGRAPHY (10-FOOT INTERVALS; 50-FOOT INDEX CONTOURS)
- EXISTING TOPOGRAPHY (10-FOOT INTERVALS; 50-FOOT INDEX CONTOURS)
- ROAD
- EXISTING STRUCTURES
- INFILTRATION POND (6.5 ACRES WITHIN RECLAMATION AREA)
- CREEK WITH FLOW DIRECTION
- DRAINAGE DITCH WITH 1% GRADE
- CREATED WETLAND
- 50-FOOT WETLAND BUFFER
- VEGETATION SCREEN BUFFER
- FINAL DRAINAGE PATTERNS
- ROCK-LINED DITCH
- PROPOSED UNDERGROUND POWER LINE
- PROPOSED OVERHEAD POWER LINE
- CROSS SECTION

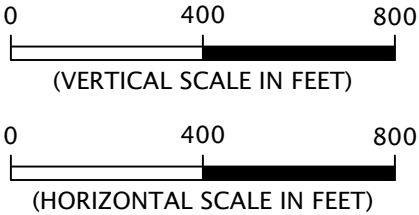
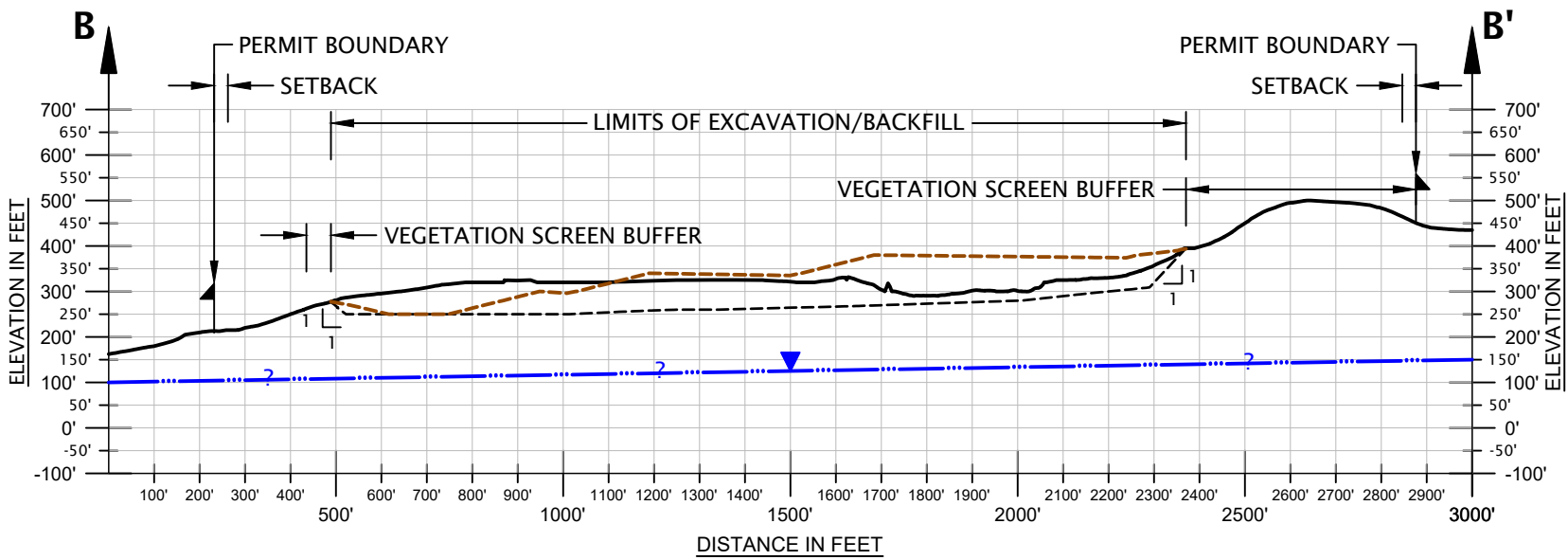
NOTES:

- EXISTING TOPOGRAPHY (2010) OBTAINED FROM PUGET SOUND LIDAR CONSORTIUM.
- PERMIT BOUNDARY OBTAINED FROM RECLAMATION FIGURE SET DATED SEPTEMBER 27, 2006 PREPARED BY ECOLOGICAL LAND SERVICES, INC.
- FOR REVEGETATION AND PROPOSED SPECIES, SEE NARRATIVE.
- FOR POSTMINING STORMWATER EROSION CONTROL MEASURES, SEE NARRATIVE.

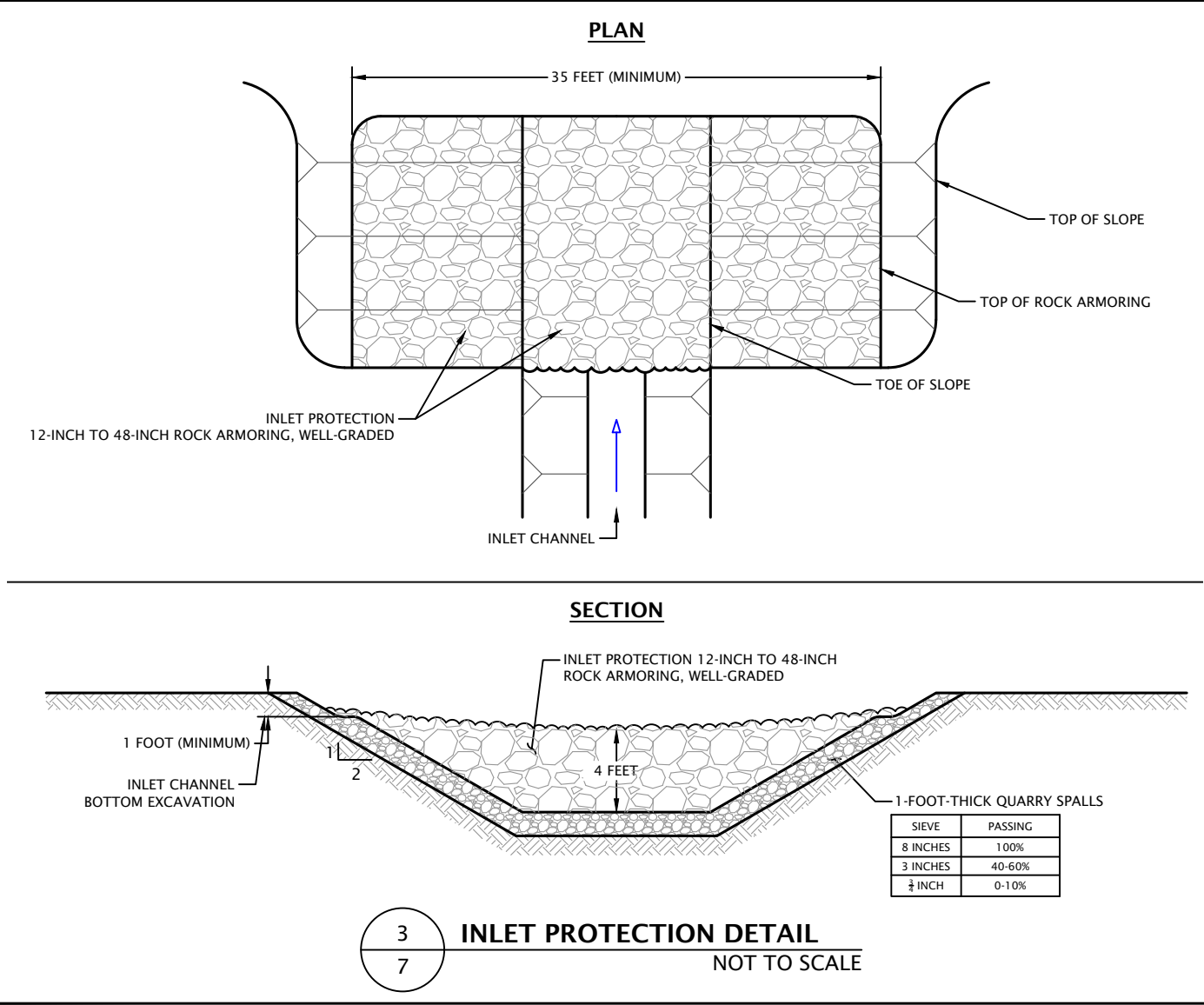
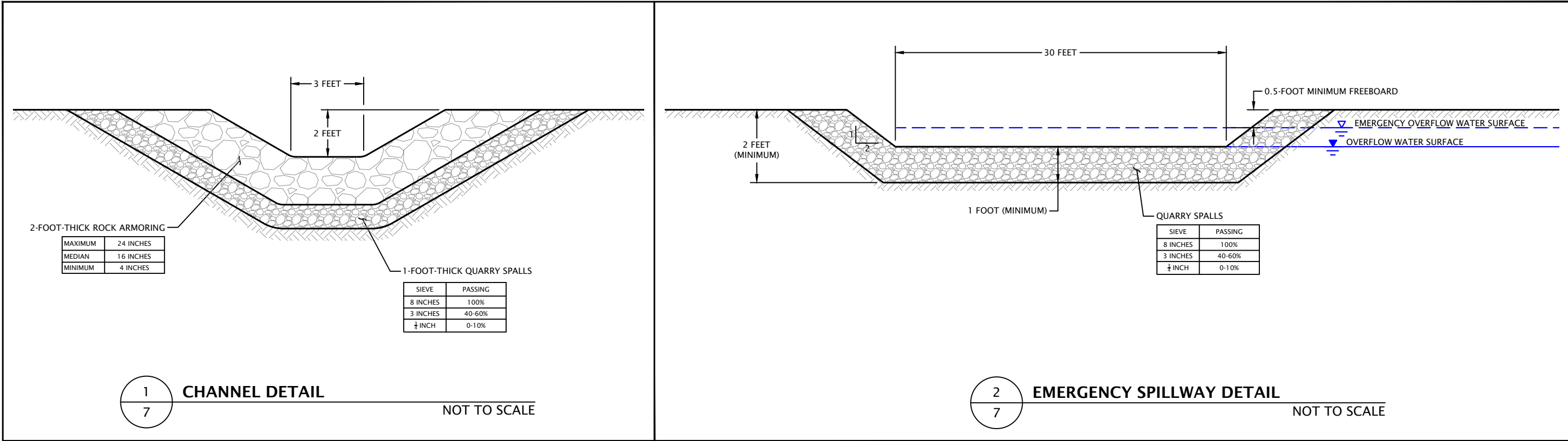


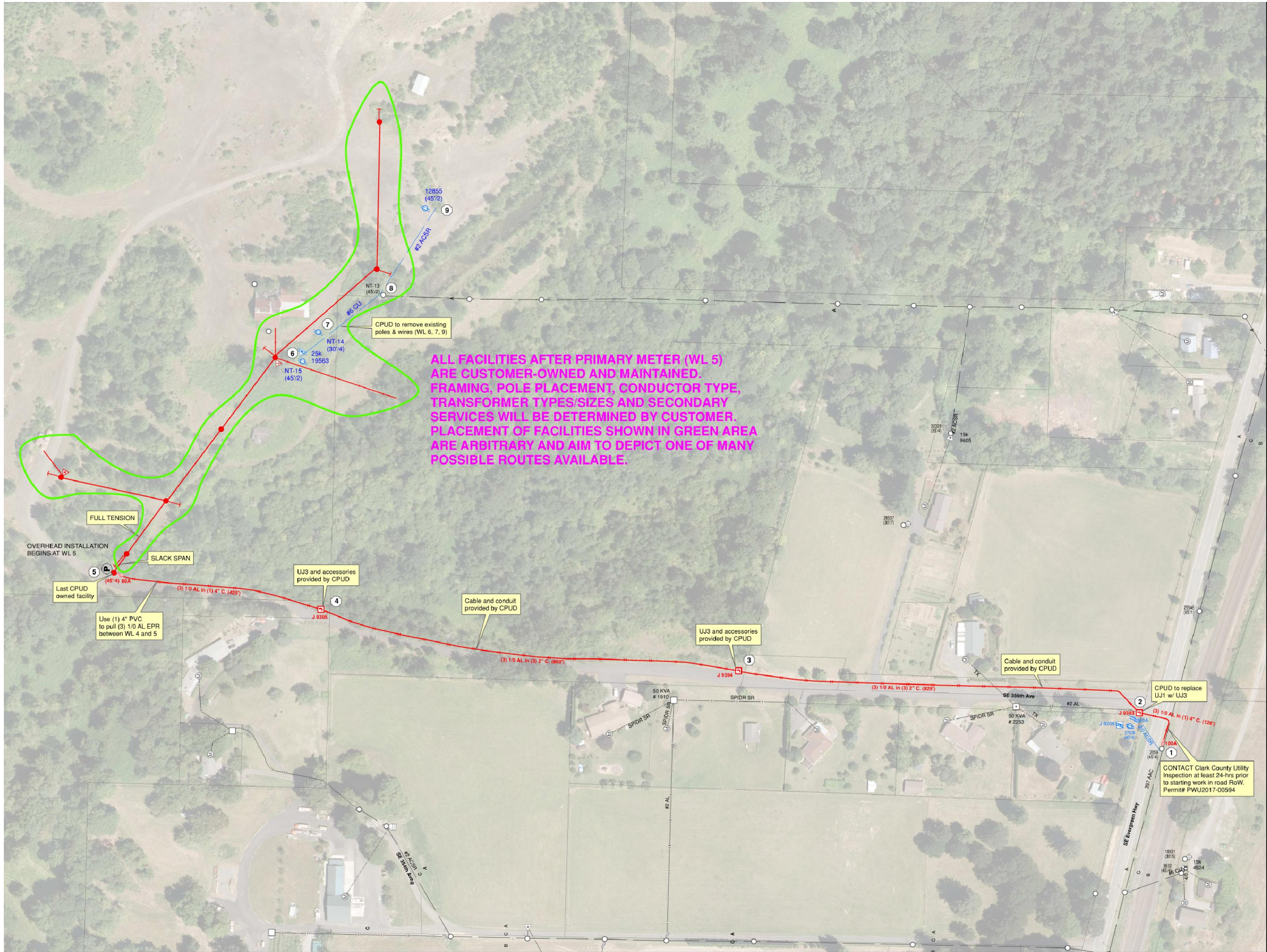
CUT VOLUME = 6,582,442 CUBIC YARDS
(EXISTING TOPOGRAPHY VS. CUT TOPOGRAPHY)

FILL VOLUME = 7,119,138 CUBIC YARDS
(CUT TOPOGRAPHY VS. FINAL TOPOGRAPHY)



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File Name: J:\M-R\Nutter\Nutter-6\Nutter-6-01\Figures\CAD\Nutter-6-01-DET02.dwg | Layout: FIGURE 7





WL	WF	Pad/Pole	KVA	PUD#	Serial#	MFG BY	TAP	PH	IMP
6	REMOVE	POLE	25	19563	M01D10292	UN	100	A	

GENERAL CONSTRUCTION NOTES

- CONTRACTOR FOR PRIMARY VOLTAGE WORK MUST BE ON CPU'S LIST OF APPROVED CONTRACTORS.
- ALL CONSTRUCTION TO COMPLY WITH CPU STANDARDS AND BE COMPLETED AS DESIGNED BY CPU.
- DISTANCES SHOWN ARE APPROXIMATE.
- WORK WITHIN RIGHT-OF-WAY TO COMPLY WITH THE RIGHT-OF-WAY PERMIT ISSUED FOR THE PROJECT.
- ALL MATERIAL TO BE OWNED BY CPU MUST BE FROM THE APPROVED MATERIALS LIST AND SUPPLIED BY AN APPROVED DISTRIBUTOR.
- ALL PRIMARY CONDUIT RUNS TO BE SCH 40 AND HAVE 30" X 36" ELBOWS ON EACH END UNLESS OTHERWISE CALLED OUT.
- TRENCH DEPTHS FOR CPU OWNED CONDUCTORS:
 - PRIMARY: 36-42"
 - PRIMARY W/ GAS: 42-48"
 - SECONDARY: 24"
 - SERVICES: 24"
- THE CONTRACTOR IS TO ARRANGE THE FOLLOWING INSPECTIONS:
 - TRENCH AND CONDUIT (DEPTH AND LOCATION)
 - FINAL (TRANSFORMERS, CONDUCTORS, TAGGING, MAKE UP, TERMINATIONS, GRADE, ETC.)
 - STAKING BY A LICENSED SURVEYOR OF FINAL GRADE, CURBS, PROPERTY CORNERS AND/OR PROPERTY LINES MAY BE REQUIRED.
 - 10. ALL METERING TO COMPLY WITH CPU METERING SPECS. SEE SPEC M FOR DETAILS.

NOTE: REFER TO CPU COMMERCIAL ELECTRIC SERVICE HANDBOOK FOR DETAILS NOT SHOWN IN THIS DESIGN

- Customer to request locates prior to any digging.
- Contact CPU Operations at (360) 992-8839 to schedule primary inspections.
- Customer to obtain electrical permits and inspections from WA State Department of Labor and Industries.
- Pending approved inspection, backfill trench.
- Contact CPU Operations at (360) 992-8839 after backfill and inspections.

Cable Stamp	1-2	Cable Stamp	2-3	Cable Stamp	3-4	Cable Stamp	4-5	Pole Stamp	5
Manuf:	Manuf:	Manuf:	Manuf:	Manuf:	Manuf:	Manuf:	Manuf:	Pole #	
Manuf. Date:	Manuf. Date:	Manuf. Date:	Manuf. Date:	Manuf. Date:	Manuf. Date:	Manuf. Date:	Manuf. Date:	Height: Text	
Size:	Size:	Size:	Size:	Size:	Size:	Size:	Size:	Class: Text	
Yr Manf.:	Yr Manf.:	Yr Manf.:	Yr Manf.:	Yr Manf.:	Yr Manf.:	Yr Manf.:	Yr Manf.:	Inst. Date:	
Inst. Date:	Inst. Date:	Inst. Date:	Inst. Date:	Inst. Date:	Inst. Date:	Inst. Date:	Inst. Date:		

CPU CHARGES

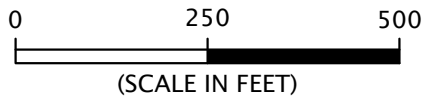
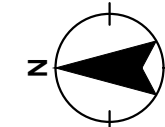
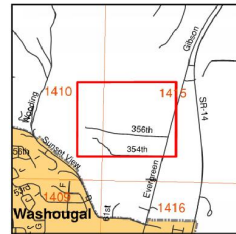
- AID TO CONSTRUCTION \$12,177.00
- TAX \$937.63

- CPU To:**
WL 1: REMOVE 1Ø deadend of tap circuit NE on pole# 2059 (45/4).
INSTALL U3, connect to EVAN1 feeder, fuse with 100AF on pole# 2059 (45/4).
- WL 2: REMOVE pole# 37828 (40/4) with framing, U1 and 20AF fuse.
REPLACE J9206 (UJ1) with UJ3. TE new UJ3 and label# 9393.
Connect existing #2 AL tap to phase "A" in new J9393.
- SPAN 1-2: REMOVE 1Ø overhead slack span (2Ø ACSR).
TE (3) 1Ø EPR.
- WL 3: TE J9394 (UJ3).
- SPAN 2-3: TE (3) 1Ø EPR.
- WL 4: TE J9395 (UJ3).
- SPAN 3-4: TE (3) 1Ø EPR.
- WL 5: INSTALL new pole (45/4) at staked location, frame to C50A (pre-assembled deadend).
INSTALL reverse U3 on pole, connect to customer-owned overhead conductors, fuse w/ 80AF.
INSTALL M1 primary metering accessories on the pole and MM1 CT/VT assembly w/ rack.
NOTE: Connect source leads of the CT's/VT's to underground reverse riser, and load leads to overhead conductors.
- SPAN 4-5: TE (3) 1Ø EPR.
- WL 6: REMOVE existing pole (45/2) and 25kVA overhead xtrm# 19563.
- WL 7: REMOVE existing pole (30/4).
- WL 9: REMOVE pole# 12855 (45/2).
- SPAN 6-8: REMOVE (2) #6 CU overhead conductors.
- SPAN 8-9: REMOVE (4) #2 ACSR conductors.

- Customer To:**
NOTE 1: CPU is providing underground primary cables, conduit, J-boxes with required accessories.
NOTE 2: Pick up the CPU issued materials at Clark Public Utilities warehouse. To arrange materials pickup contact the warehouse at (360) 992-8815 at least 48-hours in advance.
RETURN all surplus materials to Clark Public Utilities Warehouse.
- WL 1: PLUMB (1) 4" conduit to the base of pole# 2059 (45/4), secure the conduit bushing with bracket provided by CPU representative.
COIL 40-ft of (3) 1Ø EPR cables for CPU to build the riser.
- WL 2: REQUEST CPU standby at J9393. Plumb (3) 2" PVC conduits and (1) 4" PVC conduit into J9393.
Prep (6) 1Ø EPR cables and leave (3) UJM44 accessories inside for CPU to terminate.
- SPAN 1-2: INSTALL (3) 1Ø AL cables (175 mil EPR w/ jacketed neutral) in (1) 4" conduit. Primary inspection required prior to backfill.
NOTE: CONTACT Clark County Utility Inspection at least 24 hours prior to working in road Right-of-Way.
Permit# PWU2017-00594.
Contact Information: Charlie at (360) 606-7327 charlie.johnson@clark.wa.gov
Nikki at (360) 619-8536 nicole.olsen@clark.wa.gov
- WL 3: INSTALL UJ3 at or near staked location. Label box# 9394, label cables per UID2. Prep (6) 1Ø EPR cables, leave (3) UJM44 inside for CPU.
J9394 shall be located 5-ft minimum and 10-ft maximum from edge or pavement; front shall face the road.
- SPAN 2-3: INSTALL (3) 1Ø AL cables (175 mil EPR w/ jacketed neutral) in (3) 2" conduits (gray, UL listed, electrical grade, schedule 40 PVC).
Primary inspection required prior to backfill.
- WL 4: INSTALL UJ3 at or near staked location. Label box# 9395, label cables per UID2. Prep (6) 1Ø EPR cables, leave (3) UJM44 inside for CPU.
J9395 shall be located 5-ft minimum and 10-ft maximum from edge or pavement; front shall face the road.
- SPAN 3-4: INSTALL (3) 1Ø AL cables (175 mil EPR w/ jacketed neutral) in (3) 2" conduits (gray, UL listed, electrical grade, schedule 40 PVC).
Primary inspection required prior to backfill.
- WL 5: PLUMB (1) 4" PVC conduit to the base of new pole. Secure the conduit bushing with bracket provided by CPU.
COIL 40-ft of (3) 1Ø EPR at the base for CPU to build the riser.
- SPAN 4-5: INSTALL (3) 1Ø AL cables (175 mil EPR w/ jacketed neutral) in (1) 4" conduit (gray, UL listed, electrical grade, schedule 40 PVC).
Primary inspection required prior to backfill.
- NOTE: first span from CPU pole to customer-owned pole shall be slack (distance limited to 100-ft or less).

CPU CONTACT PERSONNEL

- DESIGN: ALEKSEY SHKURATKOV (360) 992-8893
- CONSTRUCTION: TOMMY JENSEN (360) 992-8847
- METERING DEPT. COORDINATOR: (360) 992-8001
- INSPECTIONS/SCHEDULING: (360) 992-8839



NOTE:
SITE PLAN BASED ON IMAGE OF 6303 NE 356TH AVE RESTORE SERVICE
SHEET DATED NOVEMBER 8, 2017 PREPARED BY CLARK PUBLIC UTILITIES.